

Appln. No. 09/882,472
RCE dated Oct. 11, 2005
Reply to Office Action of June 9, 2005
Docket No. 6169-157

IBM Docket No. BOC9-2000-0016

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Original) A method for processing speech audio in a network connected client device comprising:
 - selecting a speech grammar for use in a speech recognition system in the network connected client device;
 - characterizing the selected speech grammar; and,
 - based on the characterization, determining whether to process the speech grammar locally in the network connected client device, or remotely in a speech server in the network.
2. (Original) The method of claim 1, wherein the selecting step comprises:
 - establishing a communications session with a speech server; and,
 - querying said speech server for a speech grammar over said established communications session.
3. (Original) The method of claim 1, wherein the selecting step comprises:
 - establishing a communications session with a speech server; and,
 - selecting a speech grammar stored in the network connected device; and,
 - uploading the selected speech grammar to the speech server.
4. (Original) The method of claim 2, wherein said selecting step further comprises:
 - registering said speech grammar in said speech recognition system.

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5. (Original) The method of claim 1, wherein said characterizing step comprises:
determining whether said selected speech grammar is a complex speech grammar.
6. (Original) The method of claim 1, wherein said characterizing step comprises:
identifying in said speech grammar a pre-determined characterization.
7. (Original) The method of claim 6, wherein said pre-determined characterization is
a pre-determined complexity.
8. (Original) The method of claim 6, wherein said pre-determined characterization
specifies a pre-determined preference for processing said speech grammar either locally or
remotely.
9. (Original) The method of claim 8, wherein said pre-determined characterization
further specifies a location of a server for remotely processing said speech grammar.
10. (Previously Presented) A network distributable speech grammar configured for
distribution to network connected client devices comprising:
a speech grammar; and,
a pre-determined characterization of said speech grammar, said pre-determined
characterization associated with said speech grammar and configured for selectively
specifying a pre-determined preference for processing said speech grammar either locally or
remotely.
11. (Original) The network distributable speech grammar of claim 10, wherein said
pre-determined characterization is a pre-determined complexity.

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12. (Original) The network distributable speech grammar of claim 10, wherein said pre-determined characterization specifies a pre-determined preference for processing said speech grammar either locally or remotely.

13. (Original) The network distributable speech grammar of claim 12, wherein said pre-determined characterization further specifies a location of a server for remotely processing said speech grammar.

14. (Original) A machine readable storage, having stored thereon a computer program for processing speech audio in a network connected client device, said computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

selecting a speech grammar for use in a speech recognition system in the network connected client device;

characterizing the selected speech grammar; and,

based on the characterization, determining whether to process the speech grammar locally in the network connected client device, or remotely in a speech server in the network.

15. (Original) The machine readable storage of claim 14, wherein the selecting step comprises:

establishing a communications session with a speech server; and,

querying said speech server for a speech grammar over said established communications session.

16. (Original) The machine readable storage of claim 14, wherein the selecting step comprises:

establishing a communications session with a speech server; and,

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selecting a speech grammar stored in the network connected device; and,
uploading the selected speech grammar to the speech server.

17. (Original) The machine readable storage of claim 15, wherein said selecting step further comprises:

registering said speech grammar in said speech recognition system.

18. (Original) The machine readable storage of claim 15, wherein said characterizing step comprises:

determining whether said selected speech grammar is a complex speech grammar.

19. (Original) The machine readable storage of claim 15, wherein said characterizing step comprises:

identifying in said speech grammar a pre-determined characterization.

20. (Original) The machine readable storage of claim 19, wherein said pre-determined characterization is a pre-determined complexity.

21. (Original) The machine readable storage of claim 19, wherein said pre-determined characterization specifies a pre-determined preference for processing said speech grammar either locally or remotely.

22. (Original) The machine readable storage of claim 21, wherein said pre-determined characterization further specifies a location of a server for remotely processing said speech grammar.

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23. (New) A method for processing speech audio in a network connected client device comprising:

selecting a speech grammar for use in a speech recognition system in the network connected client device;

characterizing the selected speech grammar based upon whether a predefined processing complexity of the speech grammar exceeds a predetermined threshold processing capability of the network connected client device; and,

processing the speech grammar remotely in a speech server in the network if the predefined processing complexity exceeds the predetermined threshold.

24. (New) A method for processing speech audio in a network connected client device comprising:

selecting a speech grammar for use in a speech recognition system in the network connected client device;

identifying a processing preference in the speech grammar based upon at least one of a predetermined complexity of the speech grammar and processing resources of the network connected client device; and,

determining whether to process the speech grammar locally in the network connected client device or remotely in a speech server in the network based on the predetermined preference.

25. (New) The method of Claim 24, wherein the processing preference specifies a location of the speech server for remotely processing the speech grammar.